

























FORM PTO-1449 <small>(Fill-A-Form 7.92)</small> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket Number 403.921	Serial Number Not Yet Assigned
		Applicant Donald E. Weder	
		Filing Date Herewith	Group 1775

U. S. PATENT DOCUMENTS

EXAM INT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	R	E	3	1	7	8	0	12/25/84	Cooper et al.			
	AB			5	5	7	5	2	6	03/31/1896	EGge		
	AC			7	3	2	8	8	9	07/07/03	Paver		
	AD	1		5	2	5	0	1	5	02/03/25	Weeks	53	461
	AE	1		8	6	3	2	1	6	06/14/32	Wordingham		
	AF	1		9	7	8	6	3	1	10/30/34	Herrlinger	91	68
	AG	2		0	3	2	3	8	6	03/03/36	Wood	229	87
	AH	2		0	4	8	1	2	3	07/21/36	Howard	229	87
	AI	2		1	7	0	1	4	7	08/22/39	Lane	296	56
	AJ	2		2	4	0	0	7	2	04/29/41	Hodgdon et al.		
	AK	2		2	7	8	6	7	3	04/07/42	Savada et al.	154	43
	AL	2		3	7	1	9	8	5	03/20/45	Freiberg	206	46
	AM	2		4	1	1	3	2	8	11/19/46	MacNab	33	12
	AN	2		5	1	0	1	2	0	06/06/50	Leander	117	122
	AO	2		5	2	9	0	6	0	11/07/50	Trillich	117	68.5
	AP	2		5	4	4	0	7	5	03/06/51	Ernst et al.	150	49
	AQ	2		6	2	1	1	4	2	12/09/52	Wetherell	154	117
	AR	2		6	7	9	8	8	7	06/01/54	Doyle et al.		
	AS	2		7	7	4	1	8	7	12/18/56	Smithers		
	AT	2		8	2	2	2	8	7	02/04/58	Avery	117	14
	AU	2		8	4	6	0	6	0	08/05/58	Yount	206	58
	AV	2		8	8	3	2	6	2	04/21/59	Borin	21	56
	AW	2		9	8	9	8	2	8	06/27/61	Warp		
	BA	3		0	2	2	6	0	5	02/27/62	Reynolds	47	58

U. S. PATENT DOCUMENTS

EXAM INIT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	BB	3	0	2	7	2	6	3	03/27/62	Wanamaker	99	172	
W	BC	3	0	9	4	8	1	0	06/25/63	Kalpin			
W	BD	3	1	1	3	7	1	2	12/10/63	Kindseth	229	14	
W	BE	3	1	2	1	6	4	7	02/18/64	Harris et al.	118	202	
W	BF	3	1	3	0	1	1	3	04/21/64	Silman	161	97	
W	BG	3	1	4	8	7	9	9	09/15/64	Meroney	220	63	
W	BH	3	1	5	0	0	3	1	09/22/64	Powell			
W	BI	3	2	1	5	3	3	0	11/02/65	Thomas	229	14	
W	BJ	3	2	3	1	6	4	5	01/25/66	Bolomey			
W	BK	3	2	5	1	7	2	8	05/17/66	Humbert et al.	161	168	
W	BL	3	2	7	1	9	2	2	09/13/66	Wallerstein et al.	53	3	
W	BM	3	3	7	6	6	6	6	04/09/68	Leonard			
W	BN	3	4	0	0	0	3	6	09/03/68	Hemrick et al.			
W	BO	3	4	3	1	7	0	6	03/11/69	Stuck			
W	BP	3	4	7	5	1	9	1	10/28/69	Lodge et al.			
W	BQ	3	4	8	1	6	6	3	12/02/69	Greenstein			
W	BR	3	5	0	8	3	7	2	04/28/70	Wallerstein et al.	53	3	
W	BS	3	5	1	4	0	1	2	05/26/70	Martin	220	63	
W	BT	3	5	4	9	4	0	5	12/22/70	Schrenk et al.			
W	BU	3	5	5	4	4	3	4	01/12/71	Anderson			
W	BV	3	6	1	6	1	9	2	10/26/71	Sinclair			
W	BW	3	6	2	0	3	6	6	11/1971	Parkinson et al.			
	BX	3	6	3	0	3	6	6	11/16/71	Parkinson et al.	206	59	
W	BY	3	6	8	1	1	0	5	08/01/72	Milutin et al.	117	15	
W	BZ	3	7	4	9	6	2	9	07/31/73	Andrews et al.			
W	B1	3	7	5	7	9	9	0	09/11/73	Buth	220	63	
W	B2	3	8	0	8	0	2	4	04/30/74	Witman	117	11	
W	CA	3	8	6	5	6	6	4	02/11/75	Neumann			

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EXAM INIT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	CB	3	9	2	2	4	4	0	11/25/75	Wegwerth et al.			
W	CC	3	9	2	7	8	2	1	12/23/75	Dunning	229	14	
W	CD	3	9	5	0	2	9	0	04/13/76	Drury, Jr. et al.	260	23	
W	CE	3	9	5	1	8	9	2	04/20/76	Drury, Jr. et al.	260	23	
W	CF	3	9	6	2	5	0	3	06/08/76	Crawford			
W	CG	4	0	5	4	6	9	7	10/18/77	Reed et al.	428	40	
W	CH	4	0	5	5	6	1	3	10/25/77	Kapral	264	46.4	
W	CI	4	0	6	8	0	3	0	01/10/78	Witman	428	159	
W	CJ	4	1	6	2	3	4	3	07/24/79	Wilcox et al.			
W	CK	4	1	8	9	8	6	8	02/26/80	Tymchuck et al.			
W	CL	4	1	9	9	6	2	7	04/22/80	Weder et al.			
W	CM	4	2	1	6	6	2	0	08/12/80	Weder et al.	47	72	
W	CN	4	2	9	7	8	1	1	11/03/81	Weder	47	72	
W	CO	4	3	3	3	2	6	7	06/08/82	Witte	47	84	
W	CP	4	3	7	9	1	0	1	04/05/83	Smith	264	40.3	
W	CQ	4	3	8	0	5	6	4	04/19/83	Cancio et al.	428	167	
W	CR	4	3	8	5	0	8	7	05/24/83	Roberts et al.			
W	CS	4	4	0	0	9	1	0	08/30/83	Koudstaal et al.			
W	CT	4	4	1	3	7	2	5	11/08/83	Bruno et al.	206	45.33	
W	CU	4	4	2	7	7	3	1	01/24/84	Gibson	428	159	
W	CV	4	4	7	1	0	7	9	09/11/84	Enami	523	161	
W	CW	4	4	7	4	1	1	0	10/1984	Rosner			
W	CX	4	5	0	0	3	7	3	02/19/85	Kubota	156	79	
W	CY	4	5	2	0	0	6	4	05/28/85	Kanzelberger Contemporary Inc.			
W	CZ	4	5	3	0	8	6	3	07/23/85	Seeger			
W	C1	4	5	4	6	8	7	5	10/15/85	Zweber	206	0.82	
W	C2	4	6	8	4	7	9	5	08/04/87	Colgate, Jr.	235	457	
W	DA	4	6	9	0	8	4	3	09/01/87	Inagaki	428	36	

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EXAM INIT		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	DB	4	6	9	5	5	0	3	09/22/87	Liu et al.	428	207	
W	DC	4	6	9	9	8	2	0	10/13/87	Herr, Jr. et al.			
W	DD	4	7	3	3	5	2	1	03/29/88	Weder et al.	53	580	
W	DE	4	7	6	5	4	6	4	08/23/88	Ristvedt	206	0.82	
W	DF	4	7	8	6	5	3	3	11/22/88	Crass et al.			
W	DG	4	8	0	1	0	1	4	01/31/89	Meadows			
W	DH	4	8	4	4	8	4	9	07/04/89	Miller et al.	264	46.4	
W	DI	4	9	1	3	8	5	8	04/03/90	Miekka et al.	264	1.3	
W	DJ	4	9	6	0	6	3	8	10/02/90	Mukoyoski et al.	428	342	
W	DK	4	9	6	3	2	1	8	10/16/90	Rainey			
W	DL	5	0	0	3	9	1	5	04/02/91	D'Amato et al.	118	46	
W	DM	5	0	0	8	1	4	3	04/16/91	Armanini			
W	DN	5	0	2	8	4	8	2	07/02/91	Jeffs	428	323	
W	DO	5	0	8	8	9	7	2	02/18/92	Parker			
W	DP	5	0	8	9	3	1	8	02/18/92	Shetty et al.			
W	DQ	5	1	1	1	6	3	8	05/12/92	Weder	53	397	
W	DR	5	1	2	6	0	1	0	06/30/92	Kobayaski et al.	162	135	
W	DS	5	1	3	4	0	1	3	07/28/92	Parker			
W	DT	5	1	4	7	7	0	6	09/15/92	Kingman	428	195	
W	DU	5	1	5	4	7	6	5	10/13/92	Armanini			
W	DV	5	1	7	3	3	5	2	12/22/92	Parker			
W	DW	5	1	8	1	3	6	4	01/26/93	Weder	53	397	
W	DX	5	1	8	6	9	8	8	02/16/93	Dixon	383	37	
W	DY	5	2	0	0	2	5	3	04/06/93	Yamaguchi et al.	428	195	
W	DZ	5	2	0	4	1	6	0	04/20/93	Rouser			
W	D1	5	2	0	5	1	0	8	04/27/93	Weder et al.	53	397	
W	D2	5	2	2	8	2	3	4	07/20/93	de Klerk et al.	206	423x	
W	EA	5	2	3	5	7	8	2	08/17/93	Landau			

U. S. PATENT DOCUMENTS

EXAM INIT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	EB	5	2	3	9	7	7	5	08/31/93	Landau	206	423x	
W	EC	5	2	4	5	8	1	4	09/21/93	Weder			
W	ED	5	2	4	6	7	8	5	09/21/93	Matano et al.	428	542.2	
W	EE	5	2	6	2	2	2	2	11/16/93	Kingman	428	195	
W	EF	5	2	6	7	7	5	3	12/07/93	Chock	283	58	
W	EG	5	2	8	1	2	6	1	01/25/94	Lin	106	20	
W	EH	5	2	8	8	1	6	0	02/22/94	Li et al.	401	198	
W	EI	5	3	0	7	6	0	5	05/03/94	Straeter	53	466x	
W	EJ	5	3	2	0	6	7	2	06/14/94	Whalen-Shaw	106	287	
W	EK	5	3	3	5	4	7	6	08/09/94	Weder			
W	EL	5	3	3	5	4	7	7	08/09/94	Weder	53	399	
W	EM	5	3	4	7	7	8	9	09/20/94	Weder	53	397	
W	EN	5	3	6	9	9	3	4	12/06/94	Weder			
W	EO	5	3	8	1	6	4	2	01/17/95	Weder et al.	53	399	
W	EP	5	3	8	8	3	8	6	02/14/95	Weder			
W	EQ	5	3	8	8	6	9	5	02/14/95	Gilbert	206	423	
W	ER	5	4	0	3	2	5	9	04/04/95	Parker			
W	ES	D	3	6	8	6	5	4	04/09/96	Santoiemmo et al	D9	415	
W	ET	5	4	0	8	8	0	3	04/25/95	Weder et al.			
W	EU	5	4	2	8	9	3	9	07/04/95	Weder et al.			
W	EV	5	4	4	3	6	7	0	08/22/95	Landau	47	72x	
W	EW	5	4	4	8	8	7	5	09/12/95	Weder			
W	EX	5	4	5	6	0	5	6	10/10/95	Weder			
W	EY	5	4	6	5	5	5	1	11/14/95	Weder			
W	EZ	5	4	6	7	5	7	3	11/21/95	Weder et al.			
W	E1	5	5	0	9	2	5	1	04/23/96	Weder et al.			
W	E2	5	5	2	6	9	3	2	06/18/96	Weder et al.			
W	FA	5	5	3	3	3	1	9	07/09/96	Weder			

U. S. PATENT DOCUMENTS

EXAM INIT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	FB	5	5	3	3	3	2	0	07/09/96	Weder			
W	FC	5	5	3	7	7	9	9	07/23/96	Straeter			
W	FD	5	5	3	7	8	0	0	07/23/96	Weder			
W	FE	5	5	7	3	4	9	1	11/12/96	Parker			
W	FF	5	5	8	5	1	4	4	12/17/96	Waitts	427	258	
W	FG	5	6	2	9	0	6	8	05/13/97	Miekka et al.			
W	FH	5	6	5	6	0	0	8	08/12/97	Beierlorzer			
W	FI	5	7	1	2	0	2	0	01/27/98	Parker			
	FJ	5	8	6	1	1	1	8	01/19/99	Weder			
W	FK	5	8	7	1	4	3	2	02/16/99	Beierlorzer			
W	FL	5	9	0	6	5	6	9	05/25/99	Ratzel			
W	FM	5	9	2	1	9	0	7	07/13/99	Beierlorzer	493	357	
W	FN	5	9	8	5	3	8	0	11/1999	Weder			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM INIT.		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	Translation	
													YES	NO
W	FO	0	1	4	2	8	6	7	05/29/85	EPO				
W	FP	1	1	6	6	6	9	2	03/26/64	Germany				
W	FQ	1	2	0	4	6	4	7	09/09/70	United Kingdom				
W	FR	5	5	7	5	4	6	6	06/06/80	Japan				
W	FS	6	2	1	5	6	7	2	09/22/87	Japan				
W	FT	9	0	0	3	4	1	2	04/05/90	PCT				
W	FU	9	9	1	6	6	1	5	04/08/99	PCT				

EXAM INIT.	OTHER MATERIALS <small>(Including, Author, Title, Date, Relevant Pages, Place of Publication. **)</small>	
W	GA	Brochure, "The Simple Solution For Those Peak Volume Periods" Highland Supply Corp. ©1989
W	GB	Speed Sheets & Speed Rolls Brochure, Highland Supply Corporation, ©1990, 2 Pgs.
W	GC	LePlant SAC Advertisement, published prior to Sept. 26, 1987
EXAMINER	W	DATE CONSIDERED 2/20/91

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